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| FORM PTO-1390 (REV 07-2005) | | ATTORNEY DOCKET NUMBER 4439-4036 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/549207 |
| INTERNATIONAL APPLICATION PCT/JP2004/003680 | INTERNATIONAL FILING DATE 18 March 2004 (18.03.04) | PRIORITY DATE CLAIMED 18 March 2003 (18.03.03) |
| TITLE OF INVENTION MONOCYTE-ORIGIN MULTIPOTENT CELL MOMC | | |
| APPLICANT(S) FOR DO/EO/US Masataka KUWANA and Hiroaki KODAMA | | |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected. (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - ☐ is attached hereto (required only if not communicated by the International Bureau).
 - ☒ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International application as filed (35 U.S.C. 371(c)(2)).
 - ☒ is attached hereto (specification: 48 pgs.; claims: 4 pgs.; abstract: 1 pg.; and 10 sheets of formal drawings (Figs. 1-10)).
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449, with a copy of all cited references.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☐ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825 with the paper copy of the sequence listings: 7 pgs. and Sequence Listing Statement.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or Information:

Copies of: PCT Request document; Forms: PCT/RO/105; PCT/ISA/202; PCT/ISA/210; PCT/ISA/220; PCT/ISA/237; PCT/IB/301; PCT/IB/304; PCT/IB/307; PCT/IB/308; and published PCT application Publication Number WO 2004/083414 A1, published on 30 September 2004.

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| U.S. APPLICATION NO. (if known) 107549707 | | INTERNATIONAL APPLICATION NO. PCT/JP2004/003680 | | ATTORNEY'S DOCKET NO. 4439-4036 | |
| The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY |
| | | | | | |
| 21. <input checked="" type="checkbox"/> Basic national fee\$300 | | | | \$ 300 | |
| 22. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4).....\$0 All other situations.....\$200 | | | | \$ 200 | |
| 23. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500 | | | | \$ 400 | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 900 | |
| <input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250.00 | \$----- | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | \$----- | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 26 - 20 = | 5 | x \$50.00 | \$ 300 | |
| Independent claims | 3 - 3 = | 0 | x \$200.00 | \$----- | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ 360 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,560 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$1,560 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | + | \$ |
| TOTAL NATIONAL FEE = | | | | \$1,560 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | \$ |
| TOTAL FEES ENCLOSED = | | | | | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$1,560 |
| <p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-4500 (Order No. 4439-4036)</u> in the amount of \$1,560 to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-4500 (Order No. 4439-4036)</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Enter Address Here Morgan & Finnegan, L.L.P. 3 World Financial Center New York, New York 10281-2101 Tel: (212) 415-8700 Fax: (212) 415-8701</p> <p>Signature _____ Kenneth H. Sonnenfeld / Michael A. Willis Name Registration Nos: 33,285 / 53,913 REGISTRATION NUMBER</p> | | | | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Masataka KUWANA and Hiroaki KODAMA
Group Art Unit: TBA
Serial No.: TBA
Examiner: TBA
Filed: HEREWITH
For: MONOCYTE-ORIGIN MULTIPOTENT CELL MOMC

EXPRESS MAIL CERTIFICATE

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attention: DO/EO/US

Express Mail Label No.: EV 622 495 242 US

Date of Deposit: September 15, 2005

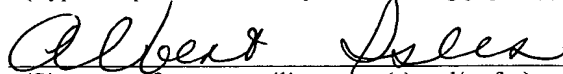
I hereby certify that the following attached paper(s) and/or fee

- Transmittal Form PTO-1390 (2 pages)
- An English translation of the International application as filed (specification: 48 pgs.; claims: 4 pgs.; abstract: 1 pg.; drawings: 10 sheets (FIGS 1-10);
- Information Disclosure Statement with form PTO-1449 together with copies of 5 cited references; A computer-readable form of the sequence listing (1 disk); Statement and paper copy of Sequence Listing (7 pages); Published PCT application – Publication Number WO 2004/081174 A2; PCT Request document;
- Forms: PCT/IB/301; PCT/IB/304; PCT/IB/307; PCT/IB/308; PCT/ISA/202; PCT/ISA/210; PCT/ISA/220; PCT/ISA/237; PCT/RO/105; and
- Return receipt postcard.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Albert Isles

(Typed or printed name of person mailing papers(s) and/or fee)


(Signature of person mailing paper(s) and/or fee)

Correspondence Address:

MORGAN & FINNEGAN, L.L.P.
3 World Financial Center
New York, NY 10281-2101
(212) 415-8700 Telephone
(212) 415-8701 Facsimile